

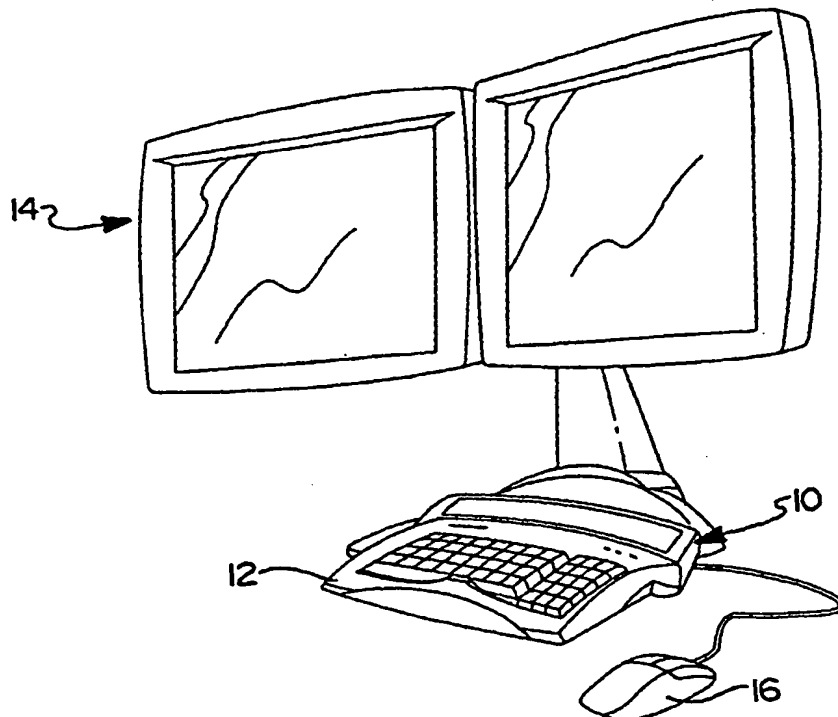
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : G06F 1/16	A1	(11) International Publication Number: WO 00/50979 (43) International Publication Date: 31 August 2000 (31.08.00)
(21) International Application Number: PCT/IB00/00187 (22) International Filing Date: 18 February 2000 (18.02.00) (30) Priority Data: 60/121,966 26 February 1999 (26.02.99) US (71)(72) Applicants and Inventors: MOSCOVITCH, Jerry [CA/CA]; 59 Cowar Avenue, Toronto, Ontario M6K 2N1 (CA). HALL, Ian, C. [CA/CA]; Unit 93, 1055 Shawnmarr Road, Mississauga, Ontario L5H 3V2 (CA).		(81) Designated States: CN, DE, GB, JP, US. Published <i>With international search report.</i>

(54) Title: SUPPLEMENTAL TOUCH SCREEN LCD PANEL

(57) Abstract

A supplemental, intelligent LCD panel (10) for use with a computer system. In one embodiment the LCD panel is used for displaying one or more tool, menu and/or status bars (26) of a software application which would ordinarily be displayed on a primary monitor of the computer system. This significantly increases the useable area of the primary monitor to display information which the user needs to view or manipulate. In other embodiments the supplemental LCD panel incorporates a touch sensitive overlay (22) which not only allows the user to view the tool bars being displayed, but also to select, merely by touch, the various functions of the tool bar(s) being displayed thereon. The LCD panel (10) further enables a mouse cursor to be displayed thereon. This enables a mouse to be used with the present invention for those operations of a software application that are best or most easily accomplished via a mouse before selecting a function box on a tool or menu bar. The preferred embodiments can be quickly and easily coupled to an existing USB port of a personal computer and mounted in a variety of orientations on a primary monitor so that the tool, menu and/or status bars can be displayed in the orientations intended by the particular software application being run.



FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		